| IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  |   |   |                          |                         |  |  |  |  |  |  |
|---|---|---|--------------------------|-------------------------|--|--|--|--|--|--|
| Applicant(s):   | Eric T. Kool  | Group Art I   |                          |                         |  |  |  |  |  |  |
| Serial No.:<br>Confirmation No  | -09/483,337<br>b.: 8254   | Examiner:   | L. Crane                 |                         |  |  |  |  |  |  |
| Filed:  | January 14, 2000  | Docket No.  | : 220.0004 0             | 101 JU                  |  |  |  |  |  |  |
| Title:  | COMPOSITIONS AND METHODS FOR OLIGONUCLEOTIDES AND DETECTION   | NONENZYMATIC L<br>ON OF GENETIC POL   | IGATION OF<br>YMORPHISMS | C20                     |  |  |  |  |  |  |
| Assistant Commi<br>Washington, D.C  | issioner for Patents<br>C. 20231  | HAND D  | ELIVERED                 | 02.0EC20 AMII:19        |  |  |  |  |  |  |
| We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):   |   |   |                          |                         |  |  |  |  |  |  |
| <ul> <li>Small entity status is entitled to be asserted in the above-identified application.</li> <li>An itemized return postcard.</li> <li>An Information Disclosure Statement (_ pgs); copies of _ applications; 1449 forms (_ pgs); and copies of _ documents cited on the 1449 forms.</li> <li>A certified copy of a _ application, Serial No, filed, the right of priority of which is claimed under 35 U.S.C. §119.</li> <li>Other: Submission of Formal Drawings Under 37 CFR §1.85 (1 pg), and formal drawings (19 sheets).</li> <li>Amendment _ No Additional fee is required The fee has been calculated as shown:</li> </ul> |   |   |                          |                         |  |  |  |  |  |  |
| Fee Calculation for Claims Pending After Amendment  |   |   |                          |                         |  |  |  |  |  |  |
| Total Claims  | Pending Claims after Earlier (2) Amendment (1)  | Additional Ad<br>Claims (1-2)   | ditional F<br>Claim      | itional Fees<br>equired |  |  |  |  |  |  |
| Independent   | <u> </u>  |   | \$9 =<br>\$42 =          |                         |  |  |  |  |  |  |
| Claims One or M   | More New Multiple Described Ching   |   |                          |                         |  |  |  |  |  |  |
| One or More New Multiple Dependent Claims Presented? If Yes, Add \$140 Here →  Total Additional Claim Fees Required   |   |   |                          |                         |  |  |  |  |  |  |
| mese papers and   | his a PETITION FOR EXTENSION OF please charge any additional fees or cred of this sheet are enclosed.   | TIME for a sufficient   | number of month          | ns to enter<br>13-4895. |  |  |  |  |  |  |
| MUETING, RAA<br>Customer Number   | SCH & GEBHARDT, P.A.<br>:: 26813  | By:   | o-lle                    |                         |  |  |  |  |  |  |
| 2681.   | 3<br>Demark office  | Name: Loren D. Albin<br>Reg. No.: 37,763<br>Direct Dial: 612-305-1<br>Facsimile: 612-305-12 | 1225                     |                         |  |  |  |  |  |  |
| JAND DEL DIESE  | ED ON DECEMBER 1  |   |                          |                         |  |  |  |  |  |  |
| hereby certify that<br>ndicated above an  | at this paper or fee is being deposited with the disaddressed to the United States Patent and page 7,7th Floor Reception, 1911 South-Clark St | nd Trademark Office C   | rvstal Mall 1 Attr       | date<br>: Examiner      |  |  |  |  |  |  |

(SMALL ENTITY TRANSMITTAL UNDER RULE 1.8)

|  |                            |            |                     |                    | PATENT    |                  |  |  |  |  |  |
|--|----------------------------|------------|---------------------|--------------------|-----------|------------------|--|--|--|--|--|
| . IN T   | Docket No. 220.00040101    |            |                     |                    |           |                  |  |  |  |  |  |
| Applicant(s): Eric   | HE UNITED STATES P.        | AIENI      |                     |                    |           | 금                |  |  |  |  |  |
| Applicant(s). Enc  | 1. K001                    | )          | Group Art Unit:     | 1623               | 92        | ECH.             |  |  |  |  |  |
| Serial No.: 09/4   | 83,337                     | )          | Examiner:           | L. Crane           | DEC       | 3.7g             |  |  |  |  |  |
| Confirmation No.:  | 8254                       | )          |                     | D. Cranc           | 20        | A FEC            |  |  |  |  |  |
| T'1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |                            | )          |                     |                    |           |                  |  |  |  |  |  |
| Filed: 14 Ja   | anuary 2000                | )          |                     |                    | =         | - 60<br>EB       |  |  |  |  |  |
| For: COMPOSIT  | TIONS AND METHODS          | )<br>FOR N | JONENZVMATIC        | 'LIGATION OF       | AH II: 19 | /ED<br>1600/2900 |  |  |  |  |  |
| For: COMPOSITIONS AND METHODS FOR NONENZYMATIC LIGATION OF OLIGONUCLEOTIDES AND DETECTION OF GENETIC POLYMORPHISMS |                            |            |                     |                    |           |                  |  |  |  |  |  |
|  |                            |            |                     |                    |           |                  |  |  |  |  |  |
| SUBMISSION OF DRAWINGS UNDER 37 C.F.R. §1.85   |                            |            |                     |                    |           |                  |  |  |  |  |  |
| Assistant Commissioner for Patents Washington D.C. 20231   |                            |            |                     |                    |           |                  |  |  |  |  |  |
|  |                            |            |                     |                    |           |                  |  |  |  |  |  |
| Sir/Madam:   |                            |            |                     |                    |           |                  |  |  |  |  |  |
| Attached please find 19 sheets of Drawings for the above-identified patent application.                            |                            |            |                     |                    |           |                  |  |  |  |  |  |
| Please note that the drawings include proposed drawing corrections that were filed with                            |                            |            |                     |                    |           |                  |  |  |  |  |  |
|  |                            |            |                     |                    | with      |                  |  |  |  |  |  |
|  | Trademark Office on Oct    |            | 3, 2001, which iden | tify the sequences |           |                  |  |  |  |  |  |
| contained therein wi   | ith the assigned SEQ ID 1  | NO.        |                     |                    |           |                  |  |  |  |  |  |
|  | Respectfully submitted for |            |                     |                    |           |                  |  |  |  |  |  |

Respectfully submitted for Eric T. Kool By Mueting, Raasch & Gebhardt, P.A. P.O. Box 581415 Minneapolis, MN 55458-1415 Phone: (612)305-1220

Facsimile: (612)305-1228 Customer Number 26813

26813

PATENT TRADEMARK OFFICE

December 19, 2002

Date

By: Loren D. Albin

Reg. No. 37,763

Direct Dial (612) 305-1225

HAND-DELIVERED on December 20, 2002

I hereby certify that this paper or fee is being deposited with the U.S. Patent & Trademark Office on the date indicated above and is addressed to the United States Patent and Trademark Office, Crystal Mall 1, Attn: Examiner Lawrence E. Crane, 7th Floor Reception, 1911 South Clark Street, Arlington, VA 22202.

Name

alle de la